

IN THE CLAIMS:

1-48. (cancelled)

49. (new) A method for enhancement with a print data processing computer of an input document data stream which comprises at least one input format file comprising format definitions and an input document data file structured in ranges and sub-ranges and containing variable data, comprising the steps of:

in a control file defining finishing commands and enhancing the data stream with said finishing commands;

in the control file also defining levels that correspond to at least one of the ranges and the sub-ranges of the input document data file;

in the control file also associating the finishing commands with the levels and registering which finishing commands are executed in which levels;

in the control file also associating a first of the finishing commands with one of the ranges and associating a second of the finishing commands with one of the sub-ranges; and

using the control file, input format file, and the input document data file, automatically generating and outputting with said processing computer by a computer program module to a printing device for creating a printed document

an output format file that contains the finishing commands in callable groups, and

an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

50. (new) A method according to claim 49 wherein the output document data file is fed to a data production system that comprises said printing device and at

least one device for processing of a print product at least one of before and after a printing event, and wherein the finishing commands activate at least one of the devices for processing of the print product at least one of before and after said printing event.

51. (new) A method according to claim 49 wherein the data of the output format file and the data of the output document file are generated corresponding to one another with the computer program module.

52. (new) A method according to claim 49 wherein at least one of said input document data stream and an output document data stream comprising said output document data file is resource-structured and comprises a page description language data stream.

53. (new) A method according to claim 49 wherein at least one of said input document data stream and an output document data stream comprising said output document data file is resource-structured and comprises at least one of an XML, PPML, PCL, and PostScript data stream.

54. (new) A method according to claim 52 wherein the input and output format files are respectively a formdef file, and the computer program module provides the output formdef file with modified medium maps relative to the input formdef file.

55. (new) A method according to claim 52 wherein the output document file comprises a print file with variable print data, and the computer program module enhances the variable data with calls of medium maps of the output formdef file.

56. (new) A method according to claim 49 wherein a non-resource-structured file is read in and converted into a resource-structured input data file.

57. (new) A method according to claim 56 wherein the non-resource-structured file comprises a line data file.

58. (new) A method according to claim 56 wherein the same computer program module as is used to prepare the resource-structured input file is used to convert the non-resource-structured file.

59. (new) A computer-readable medium comprising a computer program for enhancement with a print data processing computer of an input document data stream which comprises at least one input format file comprising format definitions and an input document data file structured in ranges and sub-ranges and containing variable data, said program performing the steps of:

in a control file defining finishing commands and enhancing the data stream with said finishing commands;

in the control file also defining levels that correspond to at least one of the ranges and the sub-ranges of the input document data files;

in the control file also associating the finishing commands with the levels and registering which finishing commands are executed in which levels;

in the control file also associating a first of the finishing commands with one of the ranges and associating a second of the finishing commands with one of the sub-ranges; and

using the control file, input format file, and the input document data file, automatically generating and outputting with said processing computer by a computer program module to a printing device for creating a printed document

an output format file that contains the finishing commands in callable groups, and

an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

60. A system for enhancement of an input document data stream which comprises at least one input format file comprising format definitions and an input document data file structured in ranges and sub-ranges and containing variable data, comprising:

a print data processing computer having a control file defining finishing commands and enhancing the data stream with said finishing commands;

the control file also defining levels that correspond to at least one of the ranges and the sub-ranges of the input document data files;

the control file also associating the finishing commands with the levels and registering which finishing commands are executed in which levels;

the control file also associating a first of the finishing commands with one of the ranges and associating a second of the finishing commands with one of the sub-ranges; and

said processing computer with a computer program module using the control file, input format file, and the input document data file to automatically generate and output to a printing device for creating a printed document

an output format file that contains the finishing commands in callable groups, and

an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.

61. (new) A system according to claim 60 wherein the output document data file is fed to a data production system that comprises said printing device and at least one device for processing of a print product at least one of before and after the printing event, and wherein the finishing commands activate at least one of the devices for processing of the print product at least one of before and after a printing event.

62. (new) A system according to claim 60 wherein the data of the output format file and the data of the output document file are generated corresponding to one another with the computer program module.

63. (new) A system according to claim 60 wherein at least one of said input document data stream and an output document data stream comprising said output document data file is resource-structured and comprises a page description language data stream.

64. (new) A system according to claim 60 wherein at least one of said input document data stream and an output document data stream comprising said output document data file is resource-structured and comprises at least one of an XML, PPML, PCL, and PostScript data stream.

65. (new) A system according to claim 63 wherein the input and output format definition files are respectively a formdef file, and the computer program module provides the output formdef file with modified medium maps relative to the input formdef file.

66. (new) A system according to claim 63 wherein the output document file comprises a print file with variable print data, and the computer program module enhances the variable data with calls of medium maps of the output formdef file.

67. (new) A system according to claim 60 wherein a non-resource-structured file is read in and converted into a resource-structured input data file.

68. (new) A system according to claim 67 wherein the non-resource-structured file comprises a line data file.

69. (new) A system according to claim 67 wherein the same computer program module as is used to prepare the resource-structured input file is used to convert the non-resource-structured file.

70. (new) A system according to claim 60 wherein said processing computer comprises a computer program module providing a graphical user interface by which a user can specify the levels within the data stream and can associate the finishing commands with the levels to create the control file.

71. (new) A method to change or remove original finishing commands with a print data processing computer in an input document data stream which comprises at least one input format file comprising format definitions and said original finishing commands and an input document data file structured in ranges and sub-ranges and containing variable data, comprising the steps of:

in a control file defining levels that correspond to at least one of the ranges and sub-ranges of the input document data file;

in the control file associating modified finishing commands with the level structures and registering which modified finishing commands are executed in which levels;

in the control file also associating a first of the modified finishing commands with one of the ranges and associating a second of the modified finishing commands with one of the sub-ranges; and

using the control file, input format file, and the input document data file, automatically generating and outputting with said processing computer by a computer program module to a printing device for creating a printed document

an output format file that contains the modified finishing commands in callable groups and that no longer contains original finishing commands, and

an output document data file containing the variable data and group calls associated by at least one of range-by-range and sub-range-by-sub-range.